

ORDERING PREDICTION SYSTEM

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Abstract of JP2299059

PURPOSE: To easily apply time-series prediction by providing an ordering model, calculating exponent values by variation factors, and using such a model that an irregularity is removed from source data.

CONSTITUTION: Variance is removed from a daily ordering table 2 to create a general ordering file 5, and indexes of a month, a week, a day of the week, and weather are calculated from a total sales amount table 3, a file 5, and a calendar 4. Then the calculated indexes are stored in month, week, and day-of-the-week index files 6, 7, and 8 and a weather index file 9 and the ordering model 10 where said indexes are removed from the file 5 is created. Then ordered quantities in an object period are calculated by articles and by days by key input to create an ordering prediction file 11. The files 6 - 8 are used to perform multiplication of the indexes by the prediction data factors and the results are outputted to an estimated ordering file 12. Further, the file 12 is multiplied by the weather index and an estimated ordered quantity is outputted on a printer 15. The ordered quantity is predicted with the data and the time series prediction is easily applied.

